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logo

NTDB id 214334 RS694 RS02215 WP 029709278.1  MKQGLSLRVSQHLALTPQLQQSIRLLQLSTLELSQEVEQMLDENPFLELSEERAEREE.FGLGQADTPVSEGDREMEFAP    79
NTDB id 1425 RS RS02020 WP 011000369.1       MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADGSVNALQ.SSSATPLPT    79
consensus                                    !!! ! !!*!!!!!!!!!!!!!!!!!!!!!!*!! !!!!! ! !!! !!   !  *   * !      ** *     * **

logo

NTDB id 214334 RS694 RS02215 WP 029709278.1  NSIADYATSTGSETKNDDEATPLSADDGPNWEGDGTTETAHDDGEWGVDAKARTNNLGDGEDKDATELARTQESLQAHLH   159
NTDB id 1425 RS RS02020 WP 011000369.1       ESP..PPAANGAD...HADTAEASYENGSDFDSD....YGTERSDWSLDDFARKPQSD.EDDRAPMQLREAEPTQREFLM   149
consensus                                     !*****   ! ***** *  * ! * !* ** !**** ***  *! *!  !! **  * *!* *  !    **   *!*

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NTDB id 214334 RS694 RS02215 WP 029709278.1  RQALALRLGTADSAALRFLIESLNDDGYLEDPLEDLARGLAGTEDEEQVEDLVHHFTVALGLLHSLEPVGVGARNLGECL   239
NTDB id 1425 RS RS02020 WP 011000369.1       EQLAPLKLSPRDKGLVIFLIESLDDEGYLTGSLDEILADLPAEL.....EVELDELQAALRMLQSFDPAGIGARSAAECL   224
consensus                                     !  *!*! * ! * * !!!!!! !*!!!  *!***   !**  *****!  ***   !! *!*! *! !*!!!  *!!!

logo

NTDB id 214334 RS694 RS02215 WP 029709278.1  RLQLQALLTNASLDAPRRELLQVSLRICGQPMDLLARRDIKRLVQLCGSSDALTREAIALIARLEPKPGRRFVDVERNIV   319
NTDB id 1425 RS RS02020 WP 011000369.1       TLQLQRLDSPA......K...PLALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFV   295
consensus                                     !!!! ! **!************ ! !* ! **!!! !!  !!   *   !*  * !* !!  ! ! !!* !   !   !

logo

NTDB id 214334 RS694 RS02215 WP 029709278.1  VPDVLVMQVGKTNGGMTPKFRVQLNPDVMPRLKVHDIYANVLRNHRGGKDSASHAALQQRLQEARWFIKNIQQRFDTILR   399
NTDB id 1425 RS RS02020 WP 011000369.1       VPDVVVRKT.......AAGWMAQLNPDVMPRLRINDMYAQILRSSRGESG...AANLQQKLQEARWLIKNIQQRFDTILR   365
consensus                                    !!!!*!   ******* * *  !!!!!!!!!!***!*!!**!! *!!   ****! !!!*!!!!!! !!!!!!!!!!!!!

logo

NTDB id 214334 RS694 RS02215 WP 029709278.1  VSTAIVERQKSFFTHGELAMRPLVLREIADELGLHESTISRVTTAKYMATPFGTFELKYFFGSGLGTESGGNASSTAVRA   479
NTDB id 1425 RS RS02020 WP 011000369.1       VSQAIVERQKSFFTHGEIAMRPLVLREIADTLGLHESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRA   445
consensus                                    !! !!!!!!!!!!!!!!!*!!!!!!!!!!!! !!!!!!!!!!!!! !!!!!! !!!!!!!!!!!** !!*!! !!!!!*!!

logo

NTDB id 214334 RS694 RS02215 WP 029709278.1  LIKQFIASESTKKPLSDNQISEMLKEQGIECARRTVAKYREGLKIAPASLRKAL   533
NTDB id 1425 RS RS02020 WP 011000369.1       LIKQLVGAEDPKNPLSDSRIAELLGEQGFVVARRTVAKYREALKIPAVNLRKSL   499
consensus                                    !!!! ** ! *! !!!!  ! !*! !!!  *!!!!!!!!!!*!!!**  !!! !
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X non conserved
X similar
X $\geq$ 50% conserved